

Notice of Allowability

Application No.

10/697,761

Examiner

VAN H. NGUYEN

Applicant(s)

MCCAIN ET AL.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the RCE filed 10/30/2007 and the telephonic interview on 01/17/2008.
2. ☒ The allowed claim(s) is/are 1, 4-6, 13, and 16-19 (now renumbered as 1-9).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

1. This communication is responsive to the RCE filed 10/30/2007 and the telephonic interview on 01/17/2008.

2. **EXAMINER'S AMENDMENT:**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mrs. Eunhee Park (Registration No. 42,976) on 01/17/2008.

The application has been amended as follows:

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1.(Currently Amended) A method for providing a command from a client-side host to a server-side host, comprising:

invoking a client-side application programming interface API (API) at the client-side host to pass in a set of parameter objects, and to provide a command object that contains the parameter objects;

wherein each of the parameter objects represents a different parameter of a command, said different parameter representing a different function and each new parameter for the command is defined as a unique new class type;

serializing the command and parameter objects to provide serialized command and parameter objects; and

~~communicating~~ sending the serialized command and parameter objects to the server-side host as the command to determine whether said server-side host supports said different function[[.]],

receiving the serialized command and parameter objects at the server-side host as the command from the client-side host;

deserializing, by said server-side host, the serialized command and parameter objects to determine whether the server-side host is compatible with the different parameters of the command that are represented by the parameter objects, the server-side host determining that the server-side host is not compatible with one or more of the different parameters if the server-side host does not support a class type associated with said one or more of the different parameters, and

reformulating, by said client-side host, the command to delete one or more parameters determined to be incompatible,

wherein:

if the server-side host cannot successfully deserialize at least one of the serialized parameter objects, the server-side host sends an error message to the client-side host to inform the client-side host that the server-side host does not support the parameter represented by the at least one serialized parameter object that cannot be successfully deserialized.

Claims 2-3 (canceled)

Claim 4. (Currently Amended) The method of claim [[2]] 1, wherein: the server-side host cannot successfully deserialize the serialized parameter objects whose class type is not recognized by the server-side host.

Claim 5. (Original) The method of claim 1, wherein: the client-side API comprises a client-side of a command-based API.

Claim 6. (Currently Amended) The method of claim 5, wherein: the server-side host uses a server-side API of the command based API to attempt to deserialize the serialized command object and all parameter objects.

Claims 7-12 (Canceled)

Claim 13. (Currently Amended) A program storage device, tangibly embodying a program of instructions executable by a server-side host to perform a method for processing a command from a client-side host, the method comprising:

receiving serialized command and parameter objects at the server-side host as a command from the client-side host[[:]], the serialized command and parameter objects obtained by invoking a client-side application programming interface (API) at the client-side host to pass in a set of parameter objects, and to provide a command object that contains the parameter objects, wherein each of the parameter objects represents a different parameter of a command, said different parameter representing a different function and each new parameter for the command is defined as a unique new class type, and serializing the command and parameter objects to provide serialized command and parameter objects;

deserializing, by said server-side host, the serialized command and parameter objects to determine whether the server-side host is compatible with the different parameters of the command that are represented by the parameter objects, the server-side host determining that the server-side host is not compatible with one or more of the different parameters if the server-side host does not support a class type associated with said one or more of the different parameters, and

reformulating, by said client-side host, the command to delete one or more parameters determined to be incompatible,

wherein:

if the server-side host cannot successfully deserialize at least one of the serialized parameter objects, the server-side host sends an error message to the client-side host to inform the client-side host that the server-side host does not support the parameter represented by the at least one serialized parameter object that cannot be successfully deserialized.

~~wherein the command object contains the parameter objects, and each of the parameter objects represents a different parameter of the command, said different parameter representing a different function and each new parameter for the command is defined as a unique new class type; and~~

~~deserializing the serialized command and parameter objects to determine whether the server-side host supports said different function, the server-side host determining that the server-side host is not compatible with one or more of the different parameters if the~~

~~server-side host does not support a class type associated with said one or more of the
different parameters, and~~

~~said client-side host reformulating the command to delete one or more parameters
determined to be incompatible.~~

Claims 14-15 (canceled)

Claim 16. (Currently Amended) The program storage device of claim ~~[[15]]~~ 13, wherein:
the server-side host cannot successfully deserialize the serialized parameter objects
whose class type is not recognized by the server-side host.

Claim 17. (Currently Amended) The program storage device of claim 13, wherein:
the server-side host uses a server-side API of a command based API to attempt to
deserialize the serialized command and all parameter objects.

Claim 18. (Original) The program storage device of claim 17, wherein:
the serialized command and parameter objects are obtained at the client-side host by
invoking a client-side API at the client-side host that comprises a client-side of the
command- based API.

Claim 19. (Currently Amended) The method of claim 1, further including:
receiving ~~an~~ the error message from the server-side host that said function is not

supported; locating a second server-side host that supports said function; and
communicating the serialized command and the parameter objects to the second server-side host.

CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H. NGUYEN whose telephone number is (571) 272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM - 6:00PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM THOMSON can be reached at (571) 272-3718.

The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



VAN H. NGUYEN
PRIMARY EXAMINER